

ABSTRACT

The object is to provide a vitreous antimicrobial agent that can exhibit excellent antimicrobial properties when added to various types of 5 resins, that has excellent discoloration resistance and hot water resistance, and that can easily be produced at a commercial scale. It is also to provide an antimicrobial resin composition and an antimicrobial product including the vitreous antimicrobial agent.

The present invention relates to a vitreous antimicrobial agent that 10 includes, relative to 100 mass % of total glass components, 0.1 to 2 mass % of Ag_2O , 40.5 to 49 mass % of ZnO , 6 to 9.5 mass % of SiO_2 , 30.5 to 39.5 mass % of B_2O_3 , 2 to 10 mass % of an alkaline earth metal oxide, and 6 to 7.5 mass % of Na_2O ; a vitreous antimicrobial agent comprising, in 15 addition to these, 0.01 to 5 mass % of CeO_2 as necessary; an antimicrobial resin composition that includes the vitreous antimicrobial agent; and an antimicrobial product that includes the vitreous antimicrobial agent.